



Lovelace





upper (darker) laminated
layer in Lovelans,
separated from
Lovelans below by
volcanic dust.

N. end cut 5, above
Florence, Neb.

Nov. 6, 1909.



Keelands in
the ship.

Exp. 14

No. of Council Rolls
2.

Nov. 6, 1809



Art 5, N. of Pines Lake

Florence, Neb.



Slide 194 B.

Wilber's mound -
one large shell. 8 mm $\frac{1}{4}$ of 7.5 mm
looking S -

3/24 '07



Slide 195-B.

Gilder's mound, excavated.
The vicinity of the picnic place to be
where the best of the older bones
are found. The pit to right is the
deep (12 1/2 ft. excavation made by

3/24 07.

excavated -



Post in garden in
N. of Florence, Ark.

Aug. 31, 1907





First and Below

Price Taken

M. of Florence, Me.

Nov. 6, 1909





Friend and Mr. J
Pinto Leite.

Rec- Kassar.

Nov. 6, 1899



From west below
Pring Lake
No. 8. Distance
2 mi. N.E.
Nov. 6, 1909.



slide 194 B.

Galders mound on Long Hill
3 mi. N. of Florence, Alb.
Looking S. at fresh earth
thrown up. Shows trees

$\frac{3}{24}$ 1907



Looking up Long Hill N—

3 mi' N. of Lawrence. The

Aug 31, 1907

from point 40 ft. above
valley



Looking up Long Hill
N-

3 mi. N. of Florence

Aug 31, 1907.

From point 40 ft. above



slide 193 B.

Lens exposure about $\frac{1}{2}$ in.
N. of Florence, Neb. showing
land slide with vegetation

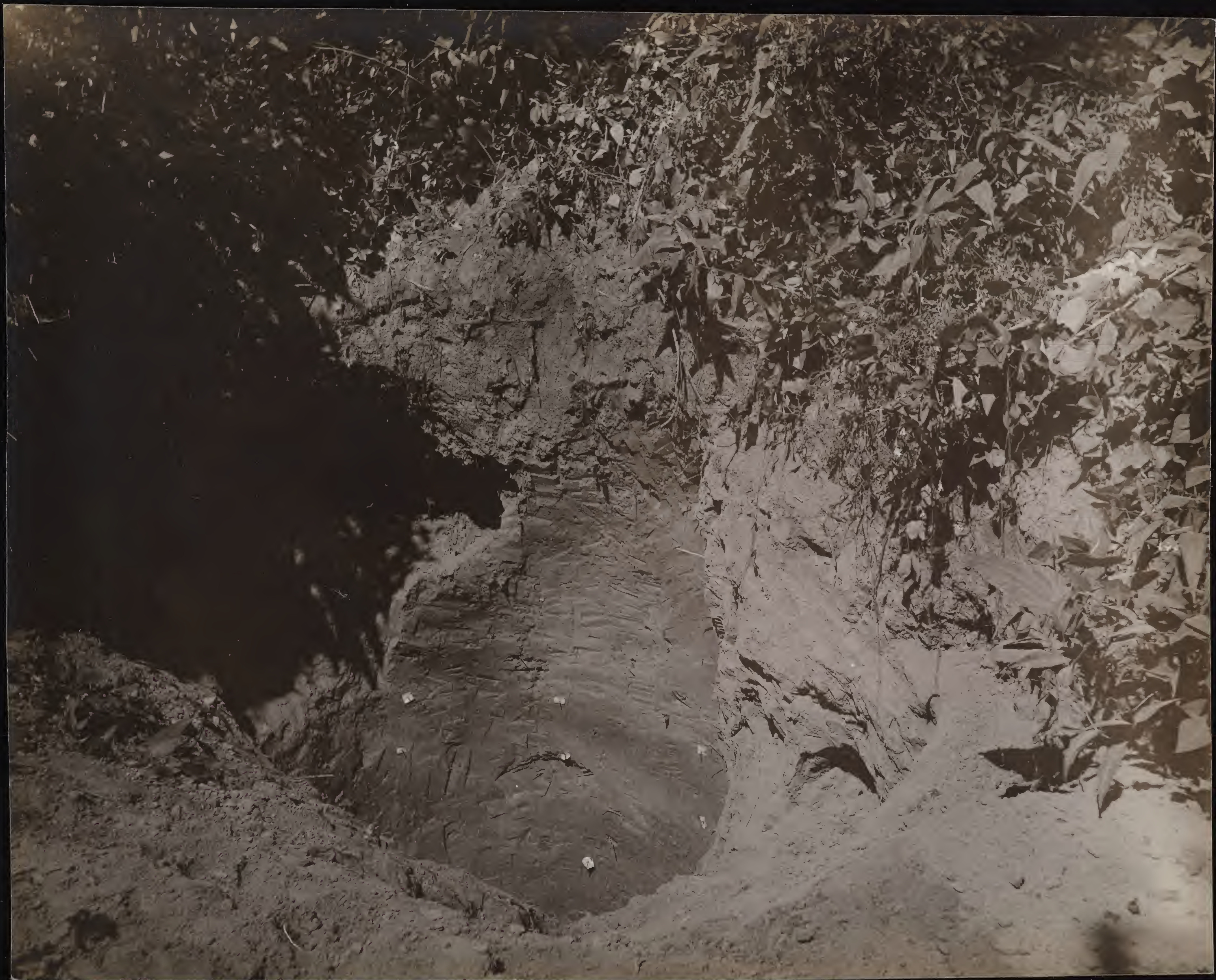
$\frac{3}{24}$ 1907.



Slide 191^B.

First lens exposure S. of
Pries Lake 1 mi. N. of Florence
Neb.

3/24 - 1907



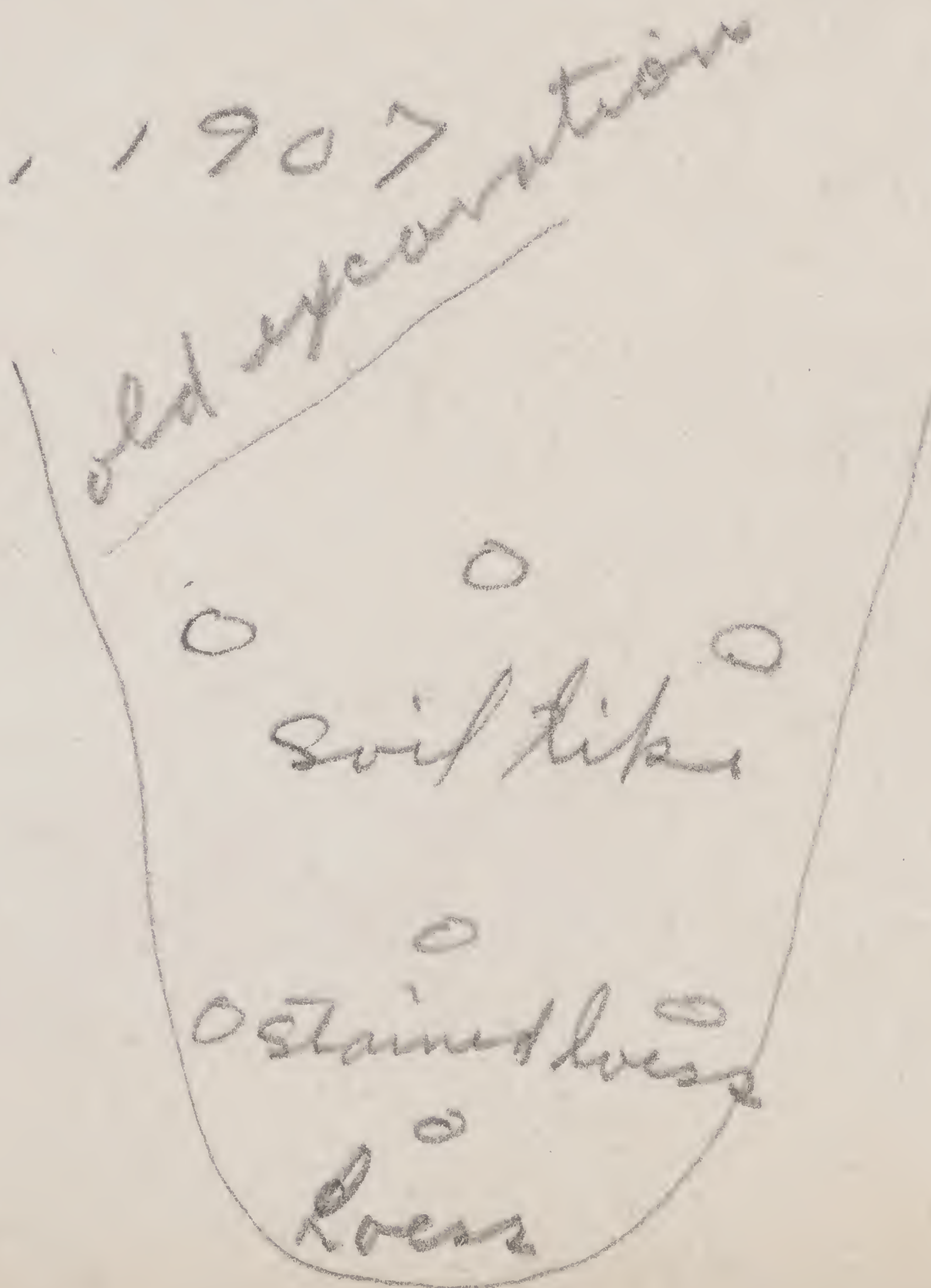
Slide 331B.

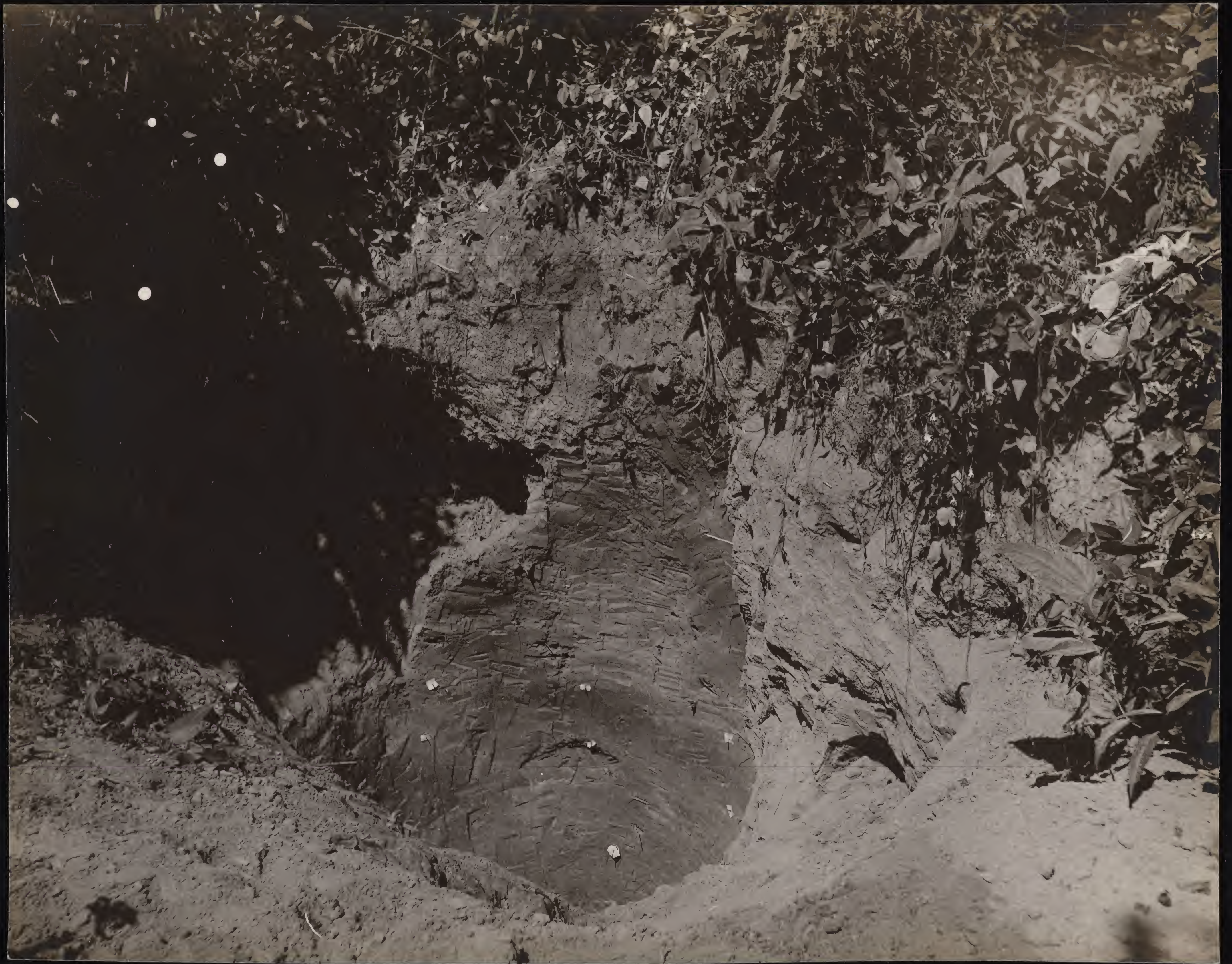
Pit in Gelders' mound

N. of Florence, Neb.

Aug. 31, 1907

More remote view.





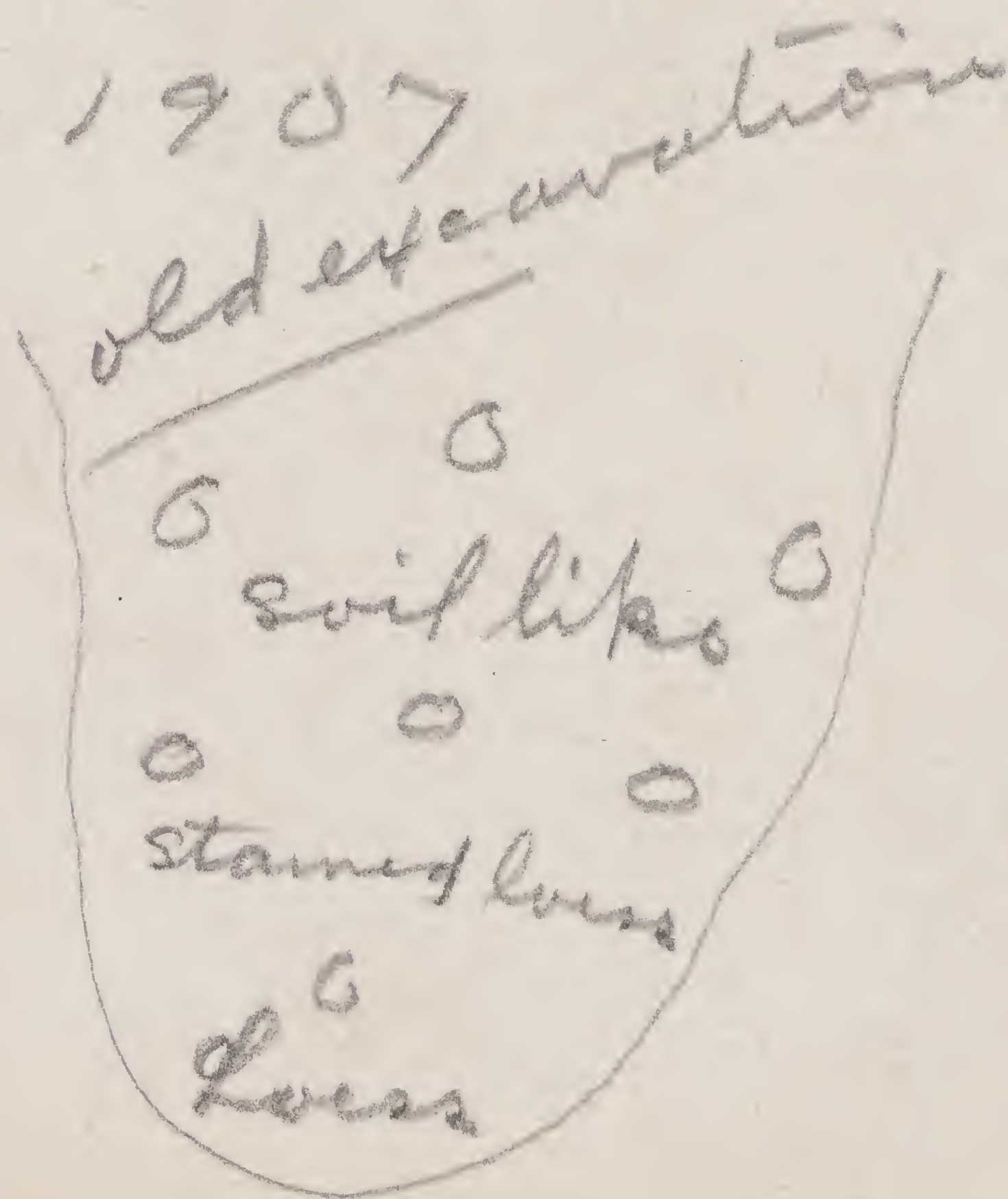
slide 3313.

Pit in Gilders' mound.

N. of Florence, Ark.

Aug. 31, 1907

More remote view.





Slide 194 B.

Galden's mound, on Long Hill

3 mi N. of Florence, W. Va.

Looking S. at fresh earth thrown
up. Shows trees.

3/24 1907.



cut c

W. side of sec. 7

S.E. of Waverly, Ia.

yellow loess.

blue loess

*
*
*
Chocolate layer

Red drift

Road.



Slide 79 B.

Lowman drift, capped with
loessly soil.

$\frac{1}{2}$ W. of Danner, Ia. Ia.

Oct. 8, 1904



Waverly, Ia
Oct. 26, 1907

cut X
gopher hole in
lawn.



slide 263 B.

Pl. IX, fig. 1

Printer

6518

Shunk

Oct. 26, 1907

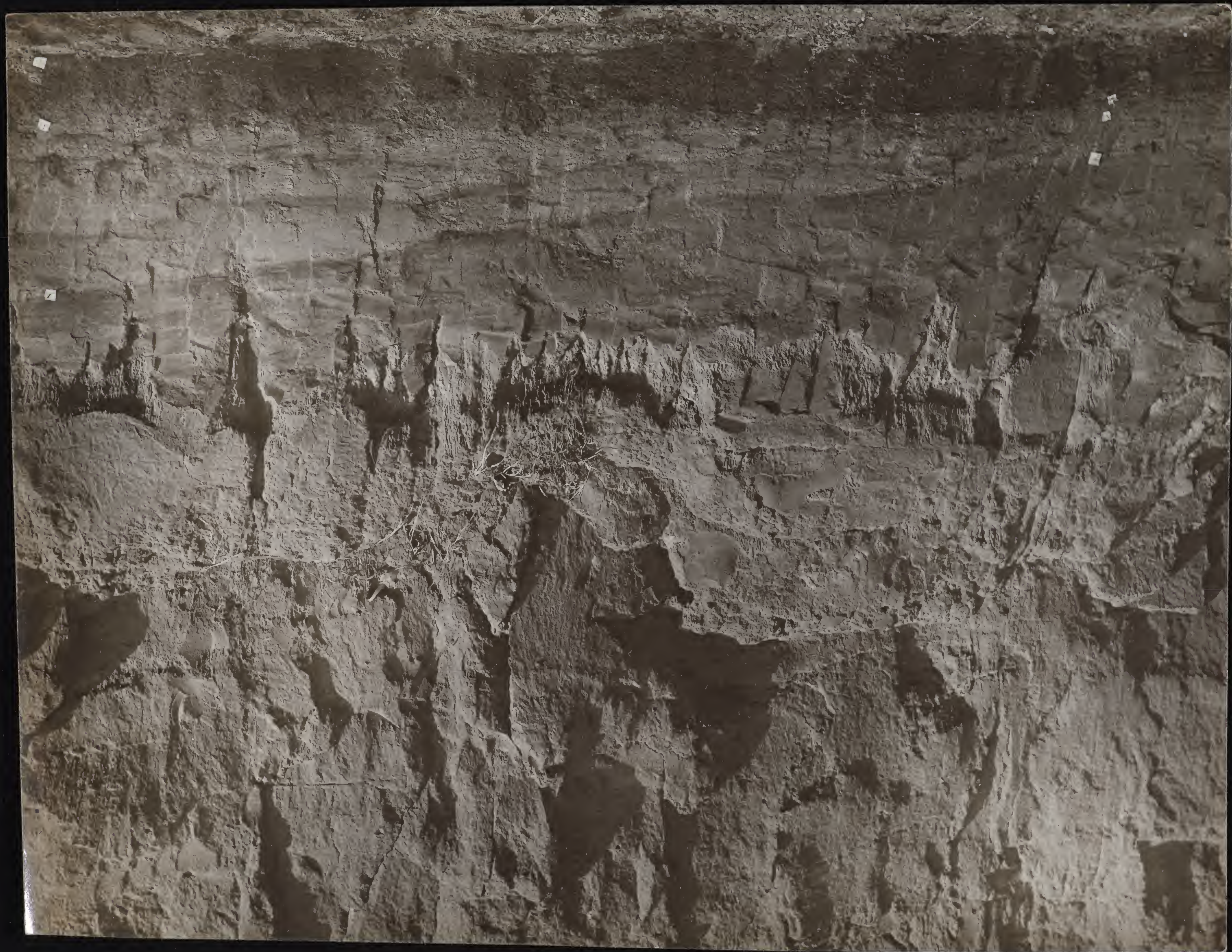
Loess Paha

Wasson

and

don't

← 4 in →



Slide 272 B.

Plate IX, Fig. 2.

6308

Measure

Shinck

Loess Paha

← 4 in →



Chicago Gr. Western Ry. cut,

Harlan, Ia.

Oct. 3, 1904.



cut $1\frac{1}{2}$ mi. E. of

Walnut, Ia

June 26/1905.

yellow loam

black loam

grist clay



1 1/2 mi. E. of Walnut, La

June 25, 1905

R. S.

Yellow loam

Blue loam

Gravel clay



1 $\frac{1}{2}$ mi. E. of Walnut, La

June 26, 1905-



1 $\frac{1}{2}$ mi. E. of Walnut, Ia

June 26, 1905



1 $\frac{1}{2}$ mi E. of Walnut, Ia.

June 25, 1905





Wendell Phillips



Looking N. at (b)

Murray Hill Exposure

Oct. 16, 1908.

Murray Hill



Sec. (2) of Murray Hill exposure
N. E. of Little Sioux, Ia.

Oct. 16, 1907.

Murray Hill

(near view)





Spec. of
Magnolia



line of contact between
Karnes and Agitation

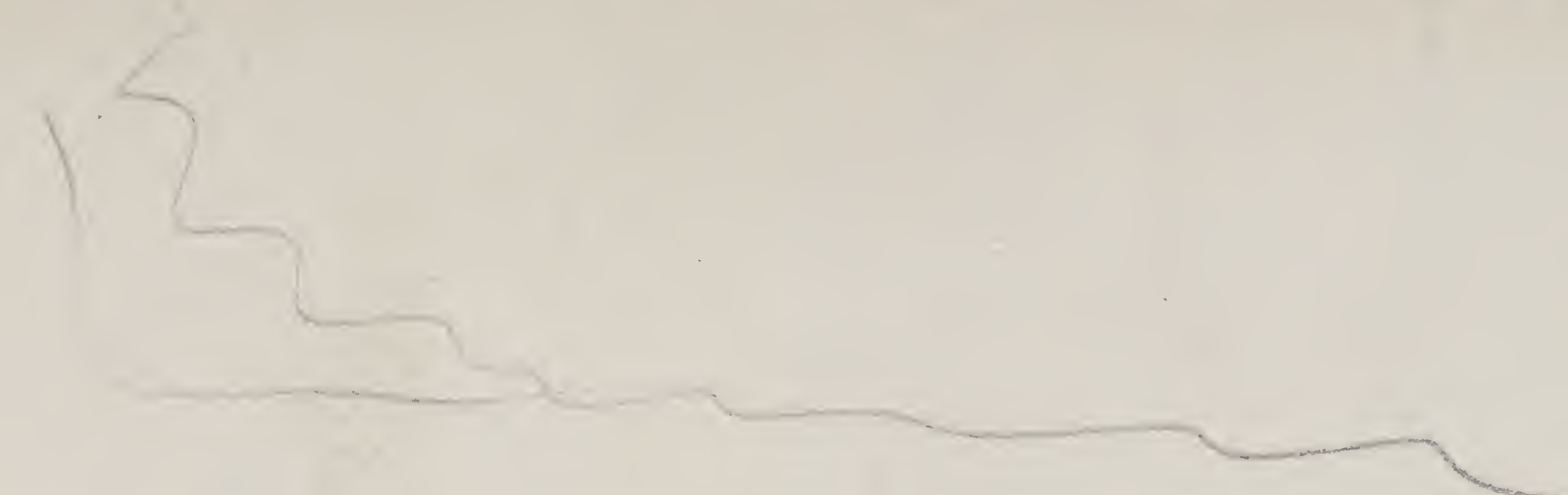
Repton his

his goods, he

Oct. 2, 1900

13





yellow loess

blue loess with
iron tubes

nw. part of cut 109
looking nw.
sw. of Magnolia, La
Sep. 5, 1908



new part of cut 109

looking NW.
S.W. of Magnolia

Jan
Sep. 8, 1908

yellow loess.

blue loess with
iron tubes

Roar.







Plate II, fig. 2



Murray Hill

Plate V

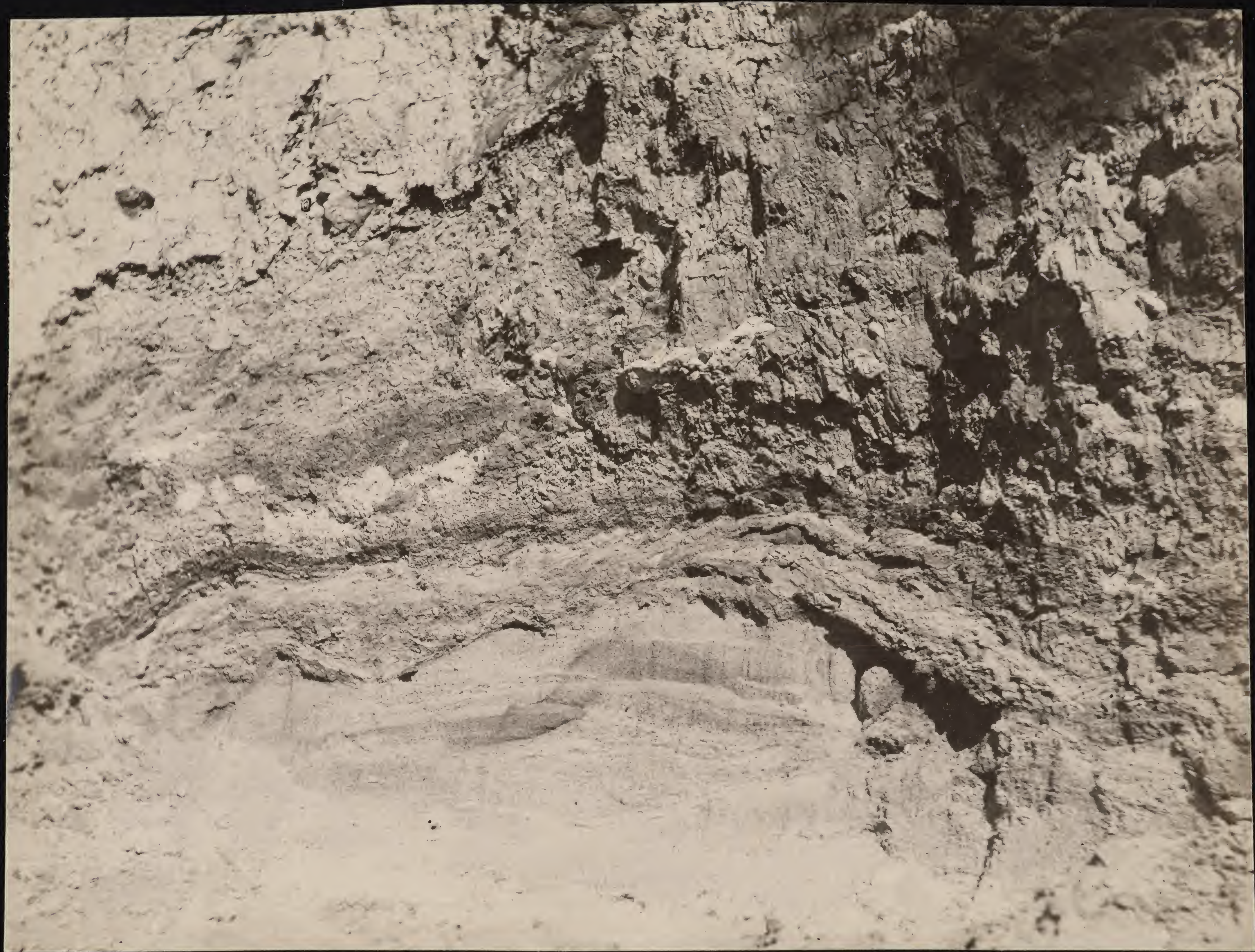
fig 2



Payton



Hammy Hill



Peyton



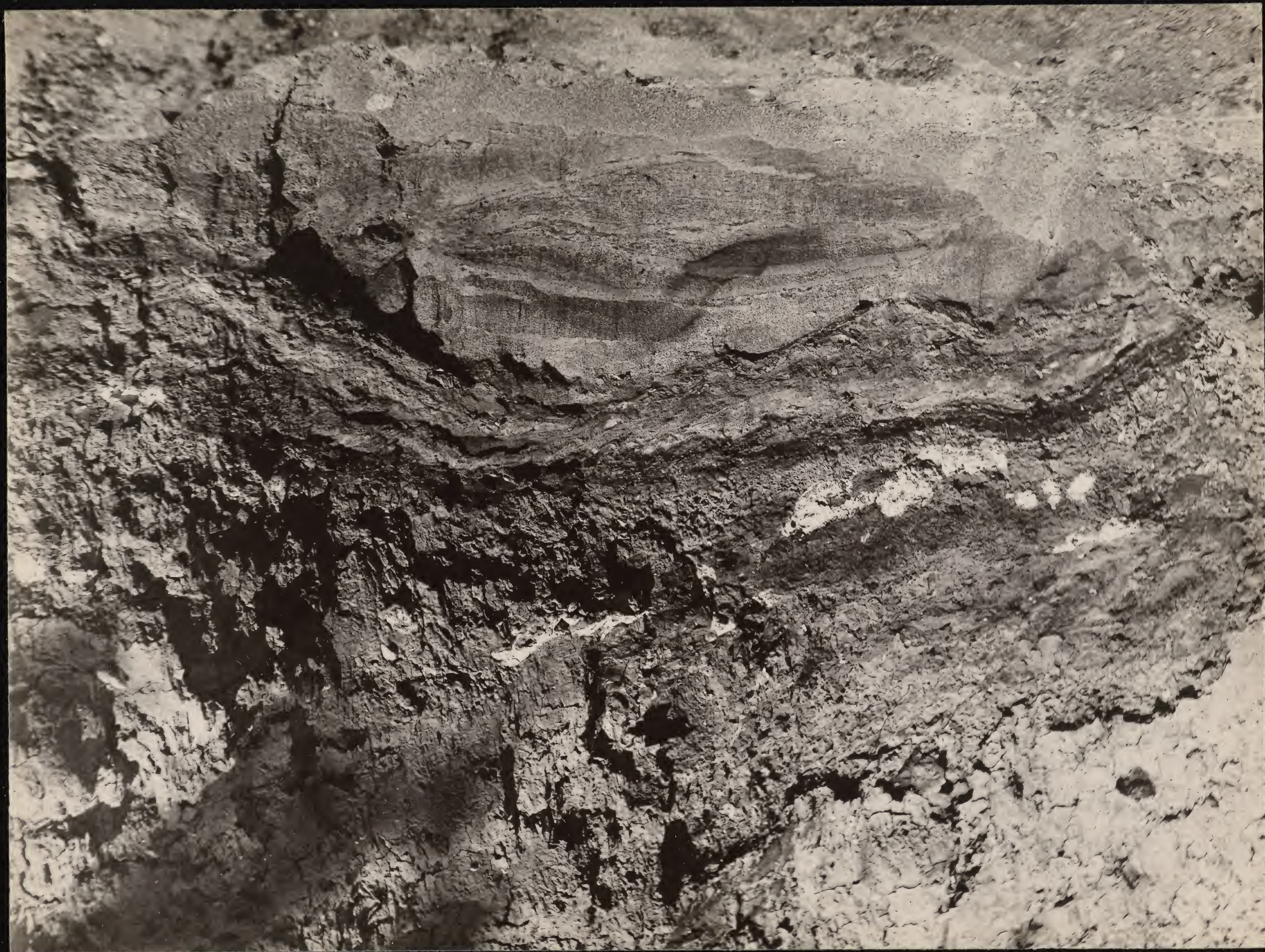














Cut E
S. W. of Woodbine
Nov. 28, 1908.

Plate VI
Fig. 1





Slide 405-B.

Cut E

Gravel pit below

Woodburn, La.

Nov. 28, 1908.

Surface

Boulders
clay & lime.



Plowed.

afternoon



Slide 383B.

Bluff - N. side Soldier

Harrison Co. Ia.

Looking N.

Oct. 3, 1908.



Slide 410 B.

Looking N. - cuts 128, 129, 130,

Near Co. line, N.E. of

Little Sioux, Ia.

Aug. 9, 1908



Pl. ~~IX~~ / X
Fig. X-1



Cave pit.

Missouri Valley

Looking S.E.

am.

Oct. 4, 1908



Car pit

Looking S. E.

A. M.

Sept

Oct. 4, 1908.



Cox's gravel pit
E. of Missouri Valley Ia.

Looking S.E.

Aug. 31, 1908

BS



23032

IOWA GEOLOGICAL SURVEY

Har. a man

Pl. II Fig 1

Shows contact of Aptonian
and Nebraska









